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Judy Jarecki-Black, Ph.D., J.D.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Docket No:	AVI 013
Jeffrey C. Rapp)		
)		
Serial No: 09/922,549)	Art Unit:	Not Assigned
)		
Filing Date: August 03, 2001)		
)		
Title: "Avian Lysozyme Promoter")		

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Applicants hereby voluntarily disclose the items listed on the attached Form PTO-1449 to the Assistant Commissioner for Patents. A copy of each of these documents is provided herewith.

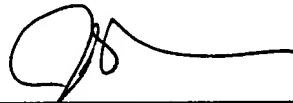
Applicants further reserve the right to establish the patentability of the claimed invention over any of the listed information should they be applied as references, and/or to prove that some of the cited information may not be prior art, and/or to prove that some of the cited information may not be enabling for the teachings they purport to offer. This statement further should not be construed as a representation that an exhaustive search has been made, or that the information cited herewith is material, or that there does not exist information more material to the examination of the present Application. The

Examiner is specifically requested not to rely solely on the information submitted herein. On the contrary, the Examiner is requested to conduct an independent and thorough review of the information, and to form independent opinions as to their significance.

It is respectfully requested that the Examiner initial and return copies of the enclosed PTO-1449 and to indicate in the official file wrapper of the above-identified patent application that each item of the cited information has been considered.

The Examiner is invited to contact the undersigned at his convenience should any issues remain following entry of this response.

If any fee or extension of time is required to obtain entry of this Response, the undersigned hereby petitions the Commissioner to grant any necessary time extension and authorizes charging Deposit Account No. 501729 for any such fee not submitted herewith.



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Form PTO-1449

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.

AVI-013

Serial No.

09/922,549

Applicant

Jeffrey C. Rapp

Filing Date

03 August 2001

Group

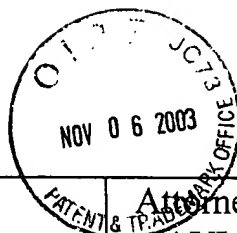
Not Assigned

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	5,591,639	01-07-97	Bebbington			09-02-1994
	B	4,237,224	12-02-80	Cohen et al.			01-04-1979
	C	5,580,859	12-03-96	Felgner et al.			03-18-1994
	D	5,589,466	12-31-96	Felgner et al.			01-26-1995
	E	5,175,384	12-29-92	Krimpenfort et al.			12-05-1988
	F	4,603,112	07-29-86	Paoletti et al.			12-08-1982
	G	4,722,848	02-02-88	Paoletti et al.			06-19-1984
	H	4,769,330	09-06-88	Paoletti et al.			12-24-1981
	I	5,174,993	12-29-92	Paoletti et al.			06-14-1990
	AA	5,338,683	08-16-94	Paoletti et al.			04-04-1990
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	CC	5,505,941	04-09-96	Paoletti et al.			07-22-1992
	DD	5,731,178	03-24-98	Sippel et al.			05-26-1995

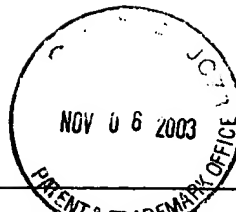
FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	J	WO 94/11524	11-09-92	PCT				X
	K	WO 91/06309	11-03-89	PCT				X
	L	WO 00/56932	03-22-99	PCT				X
	M	WO 00/11151	08-25-98	PCT				X



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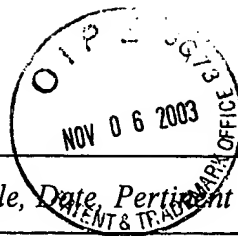
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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	N	WO 99/19472	10-16-97	PCT				X
	AA	WO 93/25234	06-08-92	PCT				X
	BB	WO 97/47739	06-12-96	PCT				X
	CC	WO 94/06920	09-22-92	PCT				X
	GG	WO 92/22635	06-05-91	PCT				X
	HH	WO 92/20316	05-14-91	PCT				X
	II	WO 92/19749	05-03-91	PCT				X
	JJ	WO 93/04701	09-05-91	PCT				X
	KK	WO 92/06180	10-01-90	PCT				X

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	O	Exons encode functional and structural units of chicken lysozyme, Jung et al; PNAS USA,77:5759-5763, (Oct. 1980)
	P	An Initiation Zone of Chromosomal DNA Replication at the Chicken Lysozyme Gene Locus*, Loc Phi-van et al; The Journal of Biological Chemistry 273:18300-18307 (1998)
	Q	The matrix attachment regions of the chicken lysozyme gene co-map with the boundaries of the chromatin domain, Phi-Van and Stratling; EMBO Journal 7:655-664 (1988)
	R	Lysozme Level in Blood Serum of Newly Hatched White Leghorn Chickens, Rosolowska-Huszcz; Bulletin De L'academie Polonaise Des Sciences, 26:891-894 (1978)
	S	Prerequisites for tissue specific and position independent expression of a gene locus in transgenic mice, Bonifer et al; J Mol Med 74:663-671(1996)
	T	A nuclear DNA attachment element mediates elevated and position-independent gene activity, Stief et al; Nature 341:343-345(Sept. 1989)
	U	Tissue specific and position independent expression of the complete gene domain for chicken lysozyme in transgenic mice, Bonifer et al; EMBO Journal 9:2843-2848 (1990)
	V	Stopped at the border: boundaries and insulators, Bell and Felsenfeld; Current Opinion in Genetics & Development,9:191-198(1999)
	W	Dissection of the Ability of the Chicken Lysozyme Gene 5' Matrix Attachment Region To Stimulate Transgene Expression and To Dampen Position Effects; Phi-Van and Stratling; Biochemistry 35:10735-10742(1996)



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X	Activity of two different silencer elements of the chicken lysozyme gene can be compensated by enhancer elements, Baniahmad et al; EMBO Journal 6:2297-2303(1987)
Y	The lysozyme enhancer: cell-specific activation of the chicken lysozyme gene by a far-upstream DNA element, Theisen et al; EMBO Journal 5:719-724(1986)
Z	The Chicken Lysozyme Locus as a Paradigm for the Complex Developmental Regulation of Eukaryotic Gene Loci, Bonifer et al; Journal of Biological Chemistry 272:26075-26078(1997)
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BB	Chromatin fine structure profiles for a developmentally regulated gene: reorganization of the lysozyme locus before trans-activator binding and gene expression, Kontaraki et al.; Genes & Development 14:2102-2122(2000)
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HH	Development of position-independent expression vectors and their transfer into transgenic fish, Caldovic and Hackett; Mol. Marine Biol. and Biotech 4:51-61(1995)
II	Chicken repeat 1(CR1) elements, which define an ancient family of vertebrate non-LTR retrotransposons, contain two closely spaced open reading frames, Haas et al; Gene 197:305-309(1997)
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MM	Untitled, Steiner et al; Nucleic Acids Research, 15:4163-4178 (1987)